



## **Initial BAMS UAV Industry Day**

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PMA-263
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## http://uav.navair.navy.mil



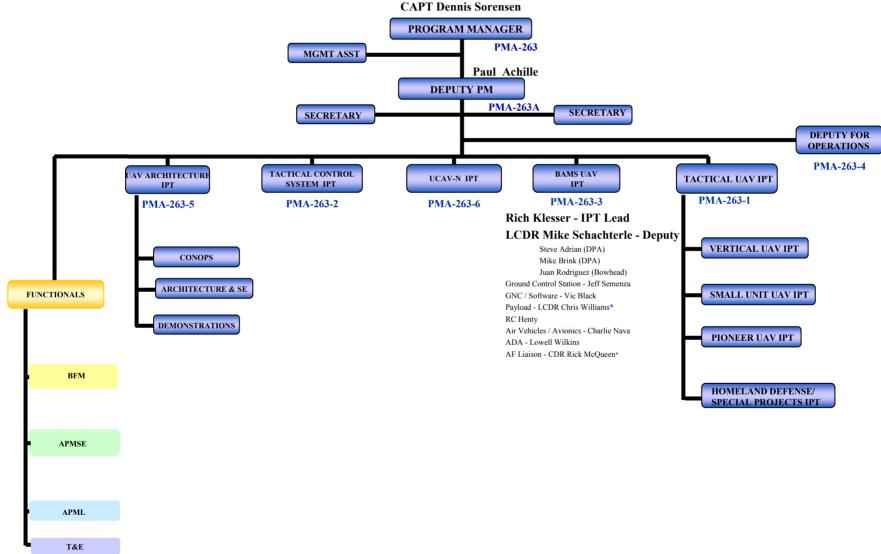






## **PMA-263 Organization**









### Why We're Here



- Familiarize Industry with Navy's Requirements and Plans
- Develop **TEAMING** Relationships
- PARTICIPATE in Development of our Documentation
- Take Advantage of our Ability to Communicate Openly
- We need your HELP





## **BAMS UAV Background**



- BAMS UAV Began As an Adjunct to the Multi-mission Aircraft (MMA) Program
- Initial Study
  - Determined Long Dwell Times Were Critical in Covering Large Areas of Open-ocean and Littoral Area
  - Identified Basic CONOP Valid for Maritime Applications
  - Identified Potential Cost Effective Opportunity to Field a Maritime Unmanned System





## **BAMS UAV Requirements**



- Mission Needs Statement
  - Broad Area Maritime Surveillance (BAMS) Armed ISR
  - Long Endurance Reconnaissance, Surveillance Targeting and Acquisition (RSTA)
  - Draft Naval Fires Network (NFN)
  - Draft Time Critical Targeting (TCT)
- Requirements Documentation
  - Completed: MNS, AoA (MMA, GH), MAA, MRE Study
  - On-going: CONOPS, C4ISP, CDD, BAMS AoA





#### **BAMS UAV Vision**



- Develop Maritime Capable UAV Systems for Operational Deployment (Projected IOC FY 08/09).
- AoA, Capability Description Document, C4ISP Will Drive Objective System Configuration
- Compliment to Other Naval Platforms and Mission Areas (e.g. MMA, CV Strike, Land Attack Warfare, etc)





#### **BAMS UAV Vision**



- Large Navy Investment in TCS Architecture
- UAV Platform/Systems Available at BAMS UAV Fielding
  - Pioneer
  - FireScout
  - Predator
  - Global Hawk Maritime Demonstration
- BAMS UAV Will Add to the Architecture
- Important to Consider Cost, Schedule, Performance Risk in BAMS UAV Acquisition
- BAMS UAV Acquisition Looking for Innovative Solutions to Integrate BAMS UAV into Existing TCS Architecture





## **BAMS UAV Acquisition**



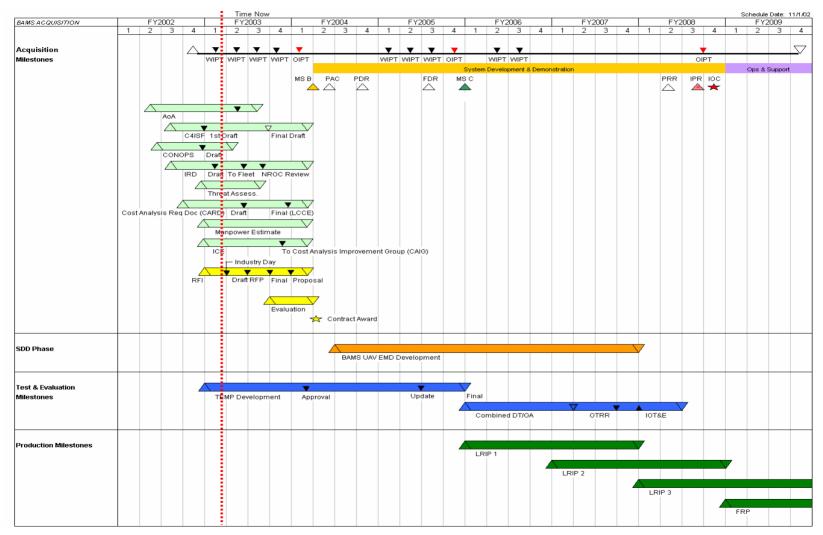
- Planned ACAT-ID Program
  - Spiral Development
  - OIPT, WIPT, IIPT
- Traditional Acquisition Program IAW DoD Instructions and Guidance
- The BAMS UAV Acquisition will Focus on:
  - Affordability
  - Autonomy
  - Connectivity
  - Minimal Impact on C4I Infrastructure
  - Minimize Manpower Requirements
  - Earliest Possible IOC





#### **BAMS UAV Schedule**



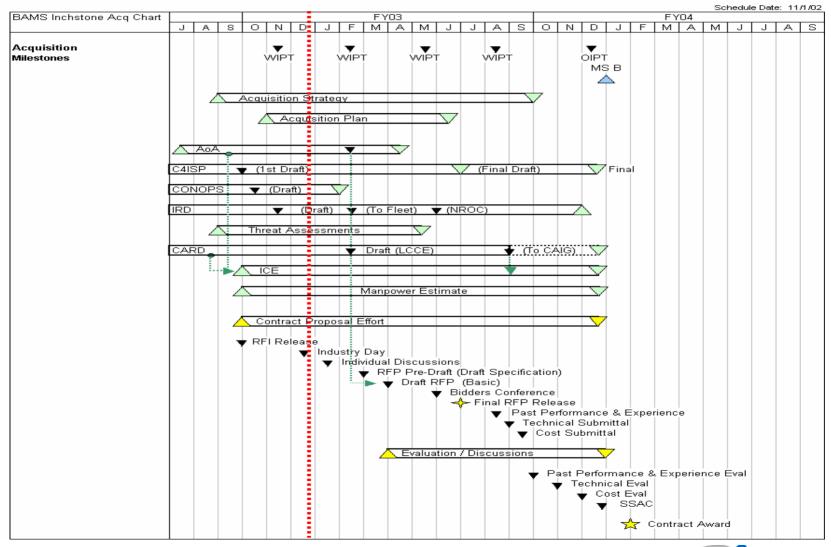






# **BAMS UAV Acquisition Documentation Schedule**









## **Summary**



- This Is **YOUR** Day to Get Smart on Navy BAMS UAV Program
- Focus Is to Open Communication/dialog
- Teaming
  - We Need Your <u>HELP</u>